



# MedPRAI 2016

**November 22-23, 2016**

**Program**

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November 21, 2016

14:00 - 19:00	Registration (Mehaya Palace Hotel)
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November 22, 2016

08:00 - 09:00	Registration (Auditorium)	
09:00 - 09:30	Opening Ceremony	
09:30 - 10:30	Keynote Speaker 1 : Prof. Sankar Kumar Pal (Auditorium) Chairs : Prof. Youcef Chibani and Dr. Abbas Cheddad	
10:30 - 11:00	Coffee Break	
	<b>Oral Session 1: Document Analysis and Recognition (Room 1)</b>	<b>Oral Session 2: Computer Vision (Room 2)</b>
	<b>Chair : Dr. Mohamed Cherif Nait Hammoud</b>	<b>Chair : Dr. Mohammed Amroune</b>
11:00 - 11:20	#55: Yaacoub Hannad, Imran Siddiqi, Youssef El Merabet and <b>Mohamed El Youssefi Elkettani</b> . Arabic writer identification system using the histogram of oriented gradients (HOG) of handwritten fragments	#39: <b>Abd El Mouméne Zerari</b> , Mohamed Chaouki Babahenini, Naima Bahi and Sarra Khemliche. Fast Soft Shadow with Screen Space Ambient Occlusion for Real Time Rendering
11:20 - 11:40	#65: <b>Hanene Boukerma</b> , Christophe Choisy, Abdallah Benouareth, Nadir Farah and Mouhamed Cheriet. Hybrid NSHP-HMM combining pixel-based and zone-based view for handwriting recognition	#75: <b>Uzair Kamal</b> , Imran Siddiqi, Hammad Afzal and Arif Ur Rahman. Pashto Sentiment Analysis Using Lexical Features
11:40 - 12:00	# 76: Alieh Masomi, Hamid Reza Ghafari, Kazem Nouri, Younes Akbari and <b>Walid Bouamra</b> . A New Database for Writer and Demographics Detection Based on Off-line Persian and English Handwriting	#86: <b>Adlen Kerboua</b> , Mohamed Batouche and Abdessalam Debbeh. RGB-D & SVM action recognition for security improvement
12:00 - 12:20	# 101: Sunia Malik, Hammad Afzal, <b>Imran Siddiqi</b> and Awaiss Majeed. Analyzing Socio-economic and Geographical factors for Crime Incidents using Heat maps and Hotspots	#46: Meraoumia Abdallah, <b>Laimèche Lakhdar</b> , Bendjenna Hakim and Chitroub Salim. Do we have to trust the deep learning methods for palmprints identification?
12:20 - 13:40	Lunch	
	<b>Oral Session 3: Biomedical Analysis and Recognition (Room 1)</b>	<b>Oral Session 4: Classification Algorithms (Room 2)</b>
	<b>Chair : Prof. Mohamd Ridha Laouar</b>	<b>Chair : Prof. Mohamed El Youssefi Elkettani</b>
13:40 - 14:00	#7: <b>El-Hachemi Guerrout</b> , Samy Ait-Aoudia, Dominique Michelucci and Mahiou Ramdane. Hidden Markov Random Field model and BFGS algorithm for Brain Image Segmentation	#59: <b>Mohamed Cherif Nait-Hamoud</b> , Fedoua Didi and Yaakoub Boualleg. Core Community Detection Algorithm based on Edge Removal Learning
14:00 - 14:20	#16: <b>Saidi Meryem</b> , Bechar Mohammed El Amine, Settouti Nesma and Chikh Mohamed Amine. Application of Pixels Selection in pixel-based classification for automatic white blood cells segmentation	#4: <b>Fatima Bekaddour</b> and Salim Chikhi. A Comparative Study Of Metaheuristics For Liver Disorders Prediction
14:20 - 14:40	#23: <b>Mohammed Ngadi</b> and Aouatif Amine. A Robust Approach for Mammographic Image Classification Using NSVC Algorithm	#8: <b>Amel Hebboul</b> and Hachouf Fella. Improving Kernel Soft Subspace Clustering Algorithms using a Particle Swarm Optimization
14:40 - 15:00	#56: <b>Abdelaziz Daoudi</b> and Saïd Mahmoudi. A fully automatic cardiac segmentation method using region growing technique	#9: <b>Imene Ferdi</b> and Abdesslem Layeb. A Novel Heuristic Based Simulated Annealing for the Capacitated Location Routing Problem
15:00 - 15:20	#10: <b>Mohamed Boulakradeche</b> , Sami Ait Aoudia, Dominique Michelucci, Kawther Taibouni and Abir Farouzi. Segmentation by tangent filter	#21: <b>Zineb Elhamer</b> and Boudjelal Mefteh. Aggregation: A Self-Organized Behavior as a Simple Seed that Triggers Complex Collective Decision

## November 22, 2016

15:20 – 15:50	<b>Coffee Break</b>	
	<b>Oral Session 5: Pattern Recognition and Applications (Room 1)</b>	<b>Oral Session 6: Artificial Intelligence (Room 2)</b>
	<b>Chair : Dr. Makhlof Dardour</b>	<b>Chair : Prof. Hakim Bendjenna</b>
15:50 – 16:10	#24: <b>Boussad Azmedroub</b> and Mounira Dwarzeddine. Polarimetric SAR Images Classification and Texture Features	#32: Demim Fethi, <b>Nemra Abdelkrim</b> , Louadj Kahina and Mustapha Hamerlain. A new approach to improve the success and solving the UGVs Cooperation for SLAM Problem, using a SVSF Filter
16:10 – 16:30	#34: <b>Imen Boudali</b> and Imen Mlayah. A Hybrid Stochastic HS-GRASP Algorithm for The Vehicle Routing Problem With Time Windows	#38 : Achref Benarab and <b>Allaoua Refoufi</b> . Towards an ontology mapping algorithm based on similarity measures between entities
16:30 – 16:50	#40: <b>Lamia Chaouche Ramdane</b> , Habib Mahi, Abderrazak Semmoud and Othman Zennaki. Extraction of road networks from the VHSR satellite images by the algorithm F*	#79 : <b>Imen Touati</b> , Marwa Graja, Mariem Ellouze and Lamia Hadrich Belguith. Towards Arabic semantic opinion mining : identifying opinion, polarity and intensity
16:50 – 17:10	#62: <b>Menassel Rafik</b> , Nini Brahim and Mekhaznia Tahar. Wolf Pack algorithm for a fractal image compression	#53 : <b>Abdelmalek Metrouh</b> and Farid Mokhati. A Novel Social Networks Approach Based on QoS for Web Services Selection
19:00 – 20:00	<b>Dinner</b>	

## November 23, 2016

09:00 – 10:00	<b>Keynote Speaker 2 : Dr. Abbas Cheddad (Auditorium)</b>	
	<b>Chairs : Pr. Sankar Kumar Pal and Prof. Youcef Chibani</b>	
10:00 – 10:30	<b>Coffee Break</b>	
10:30 – 11:30	<b>Closeing Ceremony and Best Paper Awards</b>	
12:00 – 13:00	<b>Lunch</b>	